Case 3:17-cv-00939-WHA Document 594 Filed 06/12/17 Page 1 of 12 HIGHLY CONFIDENTIAL – ATTORNEYS' EYES ONLY MICHAEL A. JACOBS (CA SBN 111664) 1 MJacobs@mofo.com 2 ARTURO J. GONZÁLEZ (CA SBN 121490) AGonzalez@mofo.com 3 ERIC A. TATE (CA SBN 178719) ETate@mofo.com RUDY Y. KIM (CA SBN 199426) 4 RKim@mofo.com MORRISON & FOERSTER LLP 5 425 Market Street 6 San Francisco, California 94105-2482 Telephone: 415.268.7000 7 Facsimile: 415.268.7522 8 KAREN L. DUNN (Pro Hac Vice) kdunn@bsfllp.com 9 HAMISH P.M. HUME (*Pro Hac Vice*) hhume@bsfllp.com BOIES SCHILLER FLEXNER LLP 10 1401 New York Avenue, N.W. Washington DC 20005 11 Telephone: 202.237.2727 12 Facsimile: 202.237.6131 13 Attorneys for Defendants UBER TECHNOLOGIES, INC. and OTTOMOTTO LLC 14 UNITED STATES DISTRICT COURT 15 16 NORTHERN DISTRICT OF CALIFORNIA 17 SAN FRANCISCO DIVISION 18 WAYMO LLC, 3:17-cv-00939-WHA Case No. 19 Plaintiff, **DEFENDANTS' RESPONSE TO** WAYMO'S SUPPLEMENTAL BRIEF 20 REGARDING HASLIM TESTIMONY v. 21 UBER TECHNOLOGIES, INC., Date: May 3, 2017 OTTOMOTTO LLC; OTTO TRUCKING LLC, Time: 7:30 a.m. 22 Ctrm: 8, 19th Floor Defendants. Judge: The Honorable William Alsup 23 Trial Date: October 2, 2017 24 UNREDACTED VERSION OF DOCUMENT SUBMITTED UNDER SEAL 25 26 27 28

I. WAYMO'S SUPPLEMENTAL BRIEF SHOULD BE STRICKEN

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The Court invited Waymo to submit excerpts from the further deposition of Uber engineer James Haslim; instead, Waymo submitted a 15-page substantive brief, misrepresenting Mr. Haslim's testimony, raising new issues, and rehashing Waymo's old arguments. Waymo's supplemental brief should be stricken in its entirety, except for the quotes and citations to Mr. Haslim's testimony.

At the hearing on May 3, 2017, Defendants volunteered to make Mr. Haslim available for additional deposition time. The Court gave Waymo four additional hours to depose Mr. Haslim and permitted Waymo to submit any "home run" testimony from Mr. Haslim by May 8 (Hearing Tr., May 3, 2017 at 1pm, p. 77):

MR. JAFFE: So, your Honor, we will take the deposition.

THE COURT: All right. Let's do it tomorrow morning, 9:00 a.m. And let's say you've got four hours max. And then you – if you hit my [sic] home runs in there, you have submit it by Monday. Because I'm going to try to get an order out next week, so submit it by Monday.

On May 4, 2017, Waymo deposed Mr. Haslim for 5.5 additional hours on the record.

The Court did not authorize Waymo to file an additional substantive brief, yet that is exactly what Waymo has done. Even if Waymo's submission had just included quotes and citations to Mr. Haslim's testimony, it would have exceeded the Court's authorization, as there was no home-run testimony or finding from Mr. Haslim's deposition. But Waymo's May 8 supplemental brief goes far beyond including just relevant excerpts from Mr. Haslim's testimony—it contains 15 pages of technical arguments re-treading Waymo's various trade secret theories. It is prejudicial and unfair for Waymo to grant itself additional substantive briefing when the Court asked only for "home run" deposition testimony. Waymo's brief should be stricken.

Alternatively, if the Court is not inclined to strike Waymo's brief, Defendants respectfully request permission to respond to Waymo's improper arguments. Below is Defendants' proposed response. At minimum, Defendants respectfully request that the Court accept, for the sake of completeness, Defendants' counter-designations of relevant testimony in the boxes below, so that

the Court may consider this testimony alongside the testimony identified by Waymo.

II. DEFENDANTS' RESPONSE TO WAYMO'S SUPPLEMENTAL BRIEF

Waymo misstates Mr. Haslim's May 4 deposition testimony on the alleged trade secrets and Anthony Levandowski's past and current role with respect to Defendants' LiDAR. The "rule of completeness" requires that Mr. Haslim's full relevant testimony on these issues, provided below, be considered.²

Mr. Haslim's Testimony³ Confirms That Fuji Does Not Use A. As Defined by Waymo's Own Expert

Waymo claims Mr. Haslim confirmed that the " " between Fuji's diodes " (Br. 4-5), but omits his testimony that the as defined by Waymo's own expert, Gregory Kintz. 4 Waymo misleadingly quotes Mr. Haslim's testimony concerning the Br. at 5 (quoting Haslim testimony o , but that is *not* how Mr. Kintz defines

n Waymo's alleged trade secret. At his deposition (quoted below), Mr. Kintz

specifically defined the

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When Mr. Haslim applied Mr. Kintz's

definition of the between diodes, he confirmed that Fuji's diodes do no

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While Waymo argues that Mr. Haslim had private conferences with counsel, Mr. Haslim confirmed on the record that he and counsel did not discuss the subject matter of his testimony or how he should testify, and only discussed procedural issues—specifically, how much time was left on the record and the expected length of the redirect, but not what the redirect questions were or the substance of the redirect. (Haslim Tr. 143:25-144:3, 145:6-8, 146:1-147:2.)

Mr. Kintz also compared the

(Yang Ex. 2, Kintz Tr. 54:1-12, 89:17-90:6.) Mr. Haslim confirmed Fuji diodes do not that looking at (Haslim

Tr. 186:14-187

¹ Excerpts to the Haslim transcript are attached as Yang Ex. 1, and a full transcript as Yang Ex. 6. ² Rule 106 of the Federal Rules of Evidence states: "If a party introduces all or part of a writing or recorded statement, an adverse party may require the introduction, at that time, of any other part — or any other writing or recorded statement — that in fairness ought to be considered at the same time." See also In re Chase Bank USA, N.A. CHECK LOAN Contract Litigation, 274 F.R.D. 286, 288 fn. 1 (N.D. Cal May 13, 2011) (granting leave to file supplemental declaration attaching additional deposition transcript excerpts that "provide context for the excerpts on which plaintiffs rely").

Br. at 5), but it is not Mr. Haslim's role to define

secret descriptions (which is marked Waymo AEO).

ade secret, particularly given that Mr. Haslim has no access to Waymo's alleged trade

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in Waymo's own

1	laser diodes on the (Br. at 6-7). However, Waymo omits Mr. Haslim's testimony			
2	confirming that Mr. Boehmke's custom beam spacing drove the placement of Fuji's laser diodes.			
3	Mr. Haslim's May 4 Deposition			
5	Q. And you were asked about whether there was any evidence that the information you received			
4	from Scott Boehmke referred to in this paragraph was actually used in Fuji, and you referred to CAD files. What did you what CAD files are you referring to?			
5	THE WITNESS: I was referring			
6	THE WITNESS: I was referring to mechanical CAD files in the SolidWorks software created by Gaetan that have the angles specified by Scott Boehmke that end up terminating in a set of			
7	points for each laser diode emitting point. He then also included a CAD model of the laser board outline that he developed that also had those same emitting points on there. And then, finally,			
8	you can see the theta angle matches the prescribed angles that we got from Scott. (Haslim Tr. 198:23-199:16.)			
9	Q. Can you explain step by step the process from going from the angles that you received from			
10	Scott A. Okay.			
11	Q to what ultimately ended up being the diode placement angles reflected in Exhibit B of			
11	your original declaration and marked as Exhibit 155 for your deposition?			
12	THE WITNESS: My understanding of the process that led to the coordinates we have in Exhibit 155, starting with angles that Scott Boehmke provided, was that Gaetan designed a lens in			
13	Zemax. We had decided on 150 millimeter focal length, chosen material for the lens. From the			
14	lens optimization provided by the Zemax software, we had the focal length behind the lens to the beginning of a focal surface. And he had a radius of curvature for the focal surface. From that			
15	information in Zemax, you can take that into SolidWorks software, model up a curved surface with the same radius of curvature as the focal surface defined by Zemax. That could be he			
16	modeled that at a location behind the lens with a consistent focal length developed in Zemax. He then, as I understand it, created lines or rays in the CAD geometry that reflected the vertical			
17	angles specified by Scott Boehmke, one by one, individually, for the different beam angles			
18	for the boards in the mid-range cavity. He extended those lines or rays until it intersected this curved focal surface. The point of intersection defined the location for the laser			
19	diodes emitting surface. He then put that into his model, modeled a PCB behind that. (Haslim Tr. 199:18-201:4.)			
20	C. Mr. Haslim's Lack of Knowledge About Mr. Boehmke's Pre-Ottomotto			
21	Documents Does Not Discredit Mr. Boehmke's Independent Development Work			
22	In an effort to undermine Mr. Roehmke's independent development work that led to Fuji			

an effort to undermine Mr. Boehmke's independent development work that led to Fuji,

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Waymo points to Mr. Haslim's lack of knowledge about Uber's "Plan B" design mentioned in a

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May 2016 document created by Mr. Boehmke. Mr. Haslim cannot be expected to testify about

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Mr. Boehmke's document from May 2016, months before Mr. Haslim joined Uber as part of

Uber's acquisition of Ottomotto in August 2016. Mr. Boehmke explained at his deposition that

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Uber's Plan B design, referenced in his May 2016 "LiDAR Thoughts" document, became Fuji⁶:

2	Mr. Haslim's May 4 Deposition	Mr. Boehmke's Testimony		
3	Q. I've marked as Exhibit 157 a document with the slip sheet labeled "Exhibit H." And then	Q Plan B was did it have a name other than plan B?		
4	the document underlying that says, "LiDAR Thoughts." Is this a document that you were	A It turned into Fuji. Q And then what was plan C?		
5	referring to before that Mr. Levandowski,	A Plan C was the Spider.		
6	Anthony Levandowski that is, called you about and discussed?	(Yang Ex. 3, Boehmke Tr. at 58:18-22)		
7	THE WITNESS: No, this is not, to my recollection, the same document. There does			
8	appear to be some features in here, but for reasons I don't understand, there seems to be pages I'm not familiar with.			
9	(Haslim Tr. at 138:14-24.)			
10	Q. And, actually, before we get there, going back to the first page, it's dated May 16th,			
11	2016. You worked at Otto at that time; right?			
12	A. I believe I did, yes. Q. And you had had conversations with Mr.			
13	Boehmke by that time? A. Probably not. (Haslim Tr. at 139:6-12.)			
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15	D. Mr. Haslim Confirmed His Independent Development of Fuji's Transmit Block Configuration			
16	Waymo claims that Mr. Haslim "discredits" Defendants' independent development of			
17	Fuji's configuration (Br. at 8-9), but Mr. Haslim confirmed that he came up with the			
18	transmit block configuration:			
10	Mr. Has <u>lim</u> 's M	av 4 Deposition		
19 20	Q. Who was involved in coming up with A: In coming up with ? I would say that was primarily me and the electrical engineer,			
21	Florin. (Haslim Tr. 72:15-20.)			
22	Q: Where did the idea to have come from? A: Florin and I both worked at Velodyne. We've seen multiple laser boards used in LiDAR. The need to developed quickly between Florin and I. Looking at the size of			
23				
24	the circuit, knowing when Scott Boehmke define when Gaetan has designed a lens that hat the	as a 150 millimeter focal length, it becomes		
25	work and we would have to	It was obvious to me that wasn't going to . Later we went back and looked closer,		
26				
27	⁶ Waymo argues that Mr. Boehmke is silent on the authorship of "LiDAR Thoughts" document (Br. at 13), but Mr. Boehmke confirmed that he "documented my thoughts for the			
20	dual-stack ('Plan A') and the Fuji device ('Plan B') in the May 2016 'LiDAR Thoughts.'" (Supp.			

Boehmke ¶ 15; see Boehmke Decl. Ex. H at 1 (Boehmke name and email on title page).)

Case 3:17-cv-00939-WHA Document 594 Filed 06/12/17 Page 7 of 12

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1	and I realized wait a minute	So we can't put circuits on Furthermo		
2		the receiver that		
3		oltage components. They needed tty clear at the time		
4	was not going to work, so we said So that ended up with Ye already had decided two cavities to			
5	64 channels, so that ended up with	in the sensor.		
6	Instead of addressing this evidence, Waymo mischaracterizes Mr. Haslim's testimony and			
7	the demonstrative evidence in his declaration. Waymo touts Mr. Haslim's statement that his			
8	October 28, 2016 email was "not indicative" of a design, but Mr. Haslim has always			
9	stated that the email showed a per cavity design. (Br. at 8; Haslim Decl. ¶ 11.) Waymo			
10	claims Mr. Haslim concedes there is "no documentary evidence" of the development timeline, but			
11	Mr. Haslim clarified that there were documents showing the beam angles, lens designs, and			
12	circuit design that led to the configuration:			
13	Mr. Haslim's May 4 Deposition Q. Okay. So there are no there's no documentary evidence to evidence to support what you			
14	just said? A. Not quite. We have documents showing and indicating to us what the vertical angles were to			
15	be for the sensor as specified by Scott Boehmke. We have a lens design that's documented from Gaetan. We have the original circuit Florin had developed for testing out lasers. At that point, the			
16	documentation stopped. And we don't have documents for discussions describing how (Haslim Tr. 78:25-79:11.)			
17	Finally, Waymo misstates Mr. Haslim's testimon	y regarding Anthony Levandowski's lack		
18	of involvement in the configuration:			
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20		Mr. Haslim's May 4 Deposition l so Mr. Pennec		
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22	waymo engineer Gaetan remice a wind	v came up with		
	nrimarily was responsible for the (Id. at 262:3-	v came up with based o at right?		
	primarily was responsible for the (Id. at 262:3- A. No,	v came up with based o		
23	primarily was responsible for the (Id. at 262:3- A. No, ()	v came up with based o at right? I don't think so.		
	A. No, (Id. at 262:3- A. No, () Waymo attacks an annotated table included in Mr. Hash the custom beam angles that were independently derived November 2016 are actually distributed across the	based o at right? I don't think so. Im's declaration that demonstrates how and provided by Mr. Boehmke in (Figure 8.A) and the		
23 24	7 Waymo attacks an annotated table included in Mr. Hasl the custom beam angles that were independently derived November 2016 are actually distributed across the Figure 8.B) in the Fuji design. (Br. at 8-9)	based o at right? I don't think so. Im's declaration that demonstrates how and provided by Mr. Boehmke in (Figure 8.A) and the declaration clearly d		
23 24 25	7 Waymo attacks an annotated table included in Mr. Hasling the custom beam angles that were independently derived November 2016 are actually distributed across the Figure 8.B) in the Fuji design. (Br. at 8-9) otation in his declaration, and Mr. Haslim never evidence of the onfiguration. (Supp. Haslim	based o at right? I don't think so. Im's declaration that demonstrates how and provided by Mr. Boehmke in (Figure 8.A) and the declaration clearly d sidentifies the table as contemporaneous 17.) While Waymo makes much of the sel, Mr. Haslim testified that he checked		

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G.	Mr. Haslim's Testimony Confirms That Publicly Known Technique, Not a Waymo Trade Secret		
Wayn	no's claim that Mr. Levandowski communicated a		
to Mr.	Haslim that "bears a striking resemblance to Waymo's trade secret" (Br. 11-12)		
gnores Mr. I	Haslim's testimony revealing that this design was "publicly-available information":		
Mr. Haslim's May 4 Deposition			
nought it wa L. I believe nformation t	were asked whether or not he gave you any confidential information, you said you segment information. What did you mean by that? information Anthony provided regarding a hat I've seen other places on the Internet as white papers, as publicly-available in terms of architect or configuration for a laser. 222:6-15.)		
The c	ircuit Mr. Haslim sketched at his deposition would bear a "striking resemblance" to		
ny	because the basic technique is standard and well-known in the		
iber laser fie	ld. (Supp. Haslim Decl. ¶ 7; Supp. Lebby Decl. ¶ 42-44.) In his declaration,		
⁄Ir. Haslim c	ited a 2011 published article that discusses		
and includes	a diagram of the		
ketch with:	(1) Waymo's alleged trade secret (left) and (2)		
From the 201	1 published article (right). The components of the		
Mr. Haslim's	sketch are present in the public diagram, including the		
	In fact, Mr. Haslim's sketch more		
closely resem	ables the public diagram than it does Waymo's alleged trade secret, since the sketch		
and the publi	c diagram each contain only		
	In any event, the basic technology of is not proprietary		
o Waymo.			
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amplifiers, 19	rz Sobon et al., Controlling the 1 μm spontaneous emission in Er/Yb co-doped fiber 9 Optics Express 19106 (2011) (Supp. Haslim ¶ 7 fn. 1) (publicly available at osapublishing.org/oe/fulltext.cfm?uri=oe-19-20-19104&id=222547.		

Case 3:17-cv-00939-WHA Document 594 Filed 06/12/17 Page 9 of 12

Mr. Haslim's Sketch Waymo's Alleged Trade Secret **2011 Public Diagram**

H. Mr. Levandowski Did Not Have Substantive Technical Input to Fuji

Waymo touts Mr. Levandowski's personal involvement in Defendants' LiDAR in terms of managerial activities (e.g., staff meetings), but omits Mr. Haslim's testimony confirming the limited nature of Mr. Levandowski's input on technical issues.⁹

Mr. Haslim's May 4 Deposition

O. Did Mr. Levandowski have any technical input for the Fuji design?

A. To my recollection, the only potentially technical input Anthony Levandowski had on the Fuji design were telling us to make it as good as the Velodyne or better. To under-regard any concerns given to us from people in Pittsburgh regarding size and weight, that that should not be a prioritized requirement.

(Haslim Tr. 221:15-24.)

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Waymo challenges Mr. Haslim's "investigation" of Mr. Levandowski's involvement (Br. at 13), but Mr. Haslim, a non-30(b)(6) witness, properly testified based on his personal knowledge.¹⁰

I. Mr. Haslim Had Limited Knowledge About Anthony Levandowski's Laptop

Waymo misrepresents Mr. Haslim's testimony regarding Mr. Levandowski's laptop (Br. 13-14). Contrary to Waymo's suggestion, Mr. Haslim testified that he did not know if

Haslim Tr. at 133:2-6.

Defendants described Mr. Levandowki's LiDAR-related work in their Interrogatory Response No. 3 (ECF No. 264-4 at 3-5.)

Mr. Levandowksi brought his personal laptop to work:

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Mr. Haslim's May 4 Deposition

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- Q. How often did Mr. Levandowski bring his personal laptop to work with him? THE WITNESS: I couldn't possibly know.
- Q. Every day?

4 Q. Every day
THE WITNE

THE WITNESS: The reason I couldn't possibly know is I don't know whether the laptop he may have carried was his personal laptop or the work laptop. (Haslim Tr. 41:1-10.)

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- Q. You saw him at work with the personal laptop; right?
- A. I'm sure I've seen him at work with *a laptop*.
- (Haslim Tr. 41:19-21 (emphasis added.)

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J. Anthony Levandowski Has Been Recused from All LiDAR Development

Waymo claims that Mr. Levandowski's recusal is ineffective because Mr. Haslim was unaware of a "formal company policy" restricting Mr. Levandowki's work. (Br. at 14.) But Mr. Haslim, a key engineer in LiDAR development, confirmed that he "received an email" with instructions (Haslim Tr. 54:18-21):

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Mr. Haslim's May 4 Deposition

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(Haslim Tr. 55:6-12.)

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III. CONCLUSION¹¹

The Court invited Waymo to submit any "home run" testimony it obtained from Mr. Haslim. In truth, there was none. Instead, Waymo presents a distorted, incomplete version of what Mr. Haslim said. And takes liberty with the Court's limited invitation by submitting a substantive brief consisting of 15 pages of technical arguments, when no such leave was given. Accordingly, Waymo's supplemental brief should be stricken.

Alternatively, Defendants' response to Waymo's misrepresentations should be accepted, and at minimum, Defendants' counter-designations of relevant testimony should be considered to complete the record.

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¹¹ Waymo also makes irrelevant arguments relating to discrepancies between Mr. Haslim's identification of LiDAR-related employees and suppliers with the list submitted to the Court by Defendants on April 5, 2017. (Br. 14-15.) At the Court's request, Defendants will make an additional submission providing reasonable explanations for these discrepancies.

Case 3:17-cv-00939-WHA Document 594 Filed 06/12/17 Page 12 of 12

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